BRUHATH BANGALORE MAHANAGARA PALIKE

Name of work: Estimate for the work of Improvements to road drain and footpath In cross roads of DCC Enclave layout in ward no.08 Kodigehalli.

Est Cost: Rs.25.00 Lakhs

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Page No.25, Item No. 5.33)							
	Deenclave 5th cross	2	103.00	1.80		370.80		
	main road	2	110.00	1.80		396.00		
		2	30.00	1.80		108.00		
						874.80	80.56	70474.00
	Basic Rate	76.00					Per Smtr	
	Area Wtg 6%	4.56						
	Net Rate	80.56						
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. (Page No.142, Item No.19.1)							
	Deenclave 5th cross	4	103.00	0.20	0.15	12.36		
	main road	4	110.00	0.20	0.15	13.20		
		4	30.00	0.20	0.15	3.60		
	For kerb stone fixing	2	110.00	0.30	0.30	19.80		
		2	110.00	0.30	0.30	19.80		
		2	30.00	0.30	0.30	5.40		
						74.16	86.92	6446.00
	Basic Rate	82.00					per Cum	
	Area Wtg 6%	4.92						
	Net Rate	86.92						
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. .(P-12, I-4.3)							
	Deenclave 5th cross	4	103.00	0.20	0.15	12.36		
	main road	4	110.00	0.20	0.15	13.20		
		4	30.00	0.20	0.15	3.60		
						29.16	5348.76	155970.00
	Basic Rate	5046.00					per Cum	
	Area Wtg 6%	302.76						
	Net Rate	5348.76						
4	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Page no.25, item no.5.26.1)							
		2	103.00		0.60	123.60		
		2	110.00		0.60	132.00		

	2	30.00		0.60	36.00	
					291.60	993.22	289623.00
						Pqr Sqm

Basic Rate	937.00
Area Wtg 6%	56.22
Net Rate	993.22

5 KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Page no.25, item no.5.28)

	2	103.00		0.60	123.60	
	2	110.00		0.60	132.00	
	2	30.00		0.60	36.00	
				Total	291.60	758.96	221313.00
						Per Smtr

Basic Rate	716.00
Area Wtg 6%	42.96
Net Rate	758.96

6 KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page no.13, item no.4.12)

	2	103.00	0.20	0.075	3.09		
	2	110.00	0.20	0.075	3.30		
	2	30.00	0.20	0.075	0.90		
	2	103.00	0.10	0.075	1.55		
	2	110.00	0.10	0.075	1.65		
	2	30.00	0.10	0.075	0.45		
side filling	2	103.00	0.20	0.150	6.18		
	2	110.00	0.20	0.100	4.40		
	2	30.00	0.20	0.100	1.20		
					22.72	6749.02	153304.00
						Per Cum	

Basic Rate	6367.00
Area Wtg 6%	382.02
Net Rate	6749.02

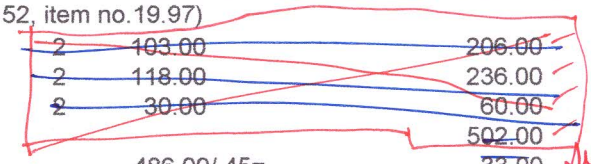
7 Providing and fixing pre cast solid concrete kerb stones of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete.(page no.25, item no.5.29)

	2	103.00	206.00
	2	118.00	236.00
	2	30.00	60.00
			502.00
		506.00/.45=	1116.00

Deduction for shoulder drain			33.00		
		Total	1083.00	385.84	417865.00
				per Nos	

Basic Rate	364.00
Area Wtg 6%	21.84
Net Rate	385.84

8 KSRRB M300- Wrought iron and mild steel welded work KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications. (Page no.152, item no.19.97)



2	103.00			206.00			
2	118.00			236.00			
2	30.00			60.00			
				502.00			
	486.00/.45=			33.00			
33	0.45	0.45	25.00	167.06			
			Total	1.67	385.84		645.00
					Qtl		

Basic Rate	364.00
Area Wtg 6%	21.84
Net Rate	385.84

9 KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (page no.122, item no.15.80)

2	103.00	0.40	82.40		
2	118.00	0.40	94.40		
2	30.00	0.40	24.00		
		Total	200.80	27.56	5534.00
				per sqm	

Basic Rate	26.00
Area Wtg 6%	1.56
Net Rate	27.56

10 KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.(page no.122, item no.15.81)

2	103.00	0.40	82.40		
2	118.00	0.40	94.40		
2	30.00	0.40	24.00		
		Total	200.80	69.96	14048.00
				Per sqm	

Basic Rate	66.00
Area Wtg 6%	3.96
Net Rate	69.96

11 KSRRB M100-1 Loading and unloading of stone boulder / stone aggregates /sand/kanker/moorumKSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, tuning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/chapter 1 (page no.132/item no.17.1_ lead for disposal of debries shall be payable at carriage rates by mechanical means including loading and unloading from0.00 to 10.00 Km etc., complete as per specifications and directions of engineer in charge of the work.

			74.16		
Historical debries AMCO layout main road			125.00		
2.5x1.28x10	32	Total	199.16	106.00	21111.00

Basic Rate	68.00			per cum	
	100.00				
Area Wtg 6%	6.00				
Net Rate	106.00				

12 Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.(page no.25/ item no.5.31.2,)

	2	103.00	1.20	247.20	
	2	118.00	1.20	283.20	
	2	30.00	1.20	72.00	
			Total	602.40	825.74	497426.00

Basic Rate	779.00	per sqm	
Area Wtg 6%	46.74		
Net Rate	825.74		

13 KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13(page no.24, item no.5.22)

	343		3.60	1236.00	
	393		3.60	1416.00	
	100		3.60	360.00	
			Total	3012.00	37.10	111745.00

Basic Rate	35.00	per mtr	
Area Wtg 6%	2.10		
Net Rate	37.10		

14 Providing Machine cutting for BS slab including all lead and lift as per direction of Enginner-in charge of work (Data rate to be approved copy enclosed)

				3012.00	
			Total	3012.00	60.00	180720.00

Data rate	60.00	Rmtr	

15 KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (page no.112, item no.15.17)

				602.40	
				602.40	209.88	126432.00

Basic Rate	198.00	Per sqm	
Area Wtg 6%	11.88		
Net Rate	209.88	Total Rs:-	2272656.00

16	Add KRIDL Charges 8% + 1% Labour cess + 1% QC Charges	227265.60
17	Miscellaneous and unforeseen charges	78.40
	Total Rs:-	2500000.00

(Rupees Twenty five lakhs only)

CERTIFICATES

1 The work will be Executed within BBMP limit only
2 The work spot is inspected by me
3 The items Provided in the Estimate are quite Essential
4 The Estimate is prepared Based on CSR 2016-2017

Asst.Engineer
Waard No-74

Asst. Executive Engineer
Mahalakshmipuram Subdivision
BBMP, Bangalore

Executive Engineer
Mahalakshmipuram Division
BBMP, Bangalore
05/04

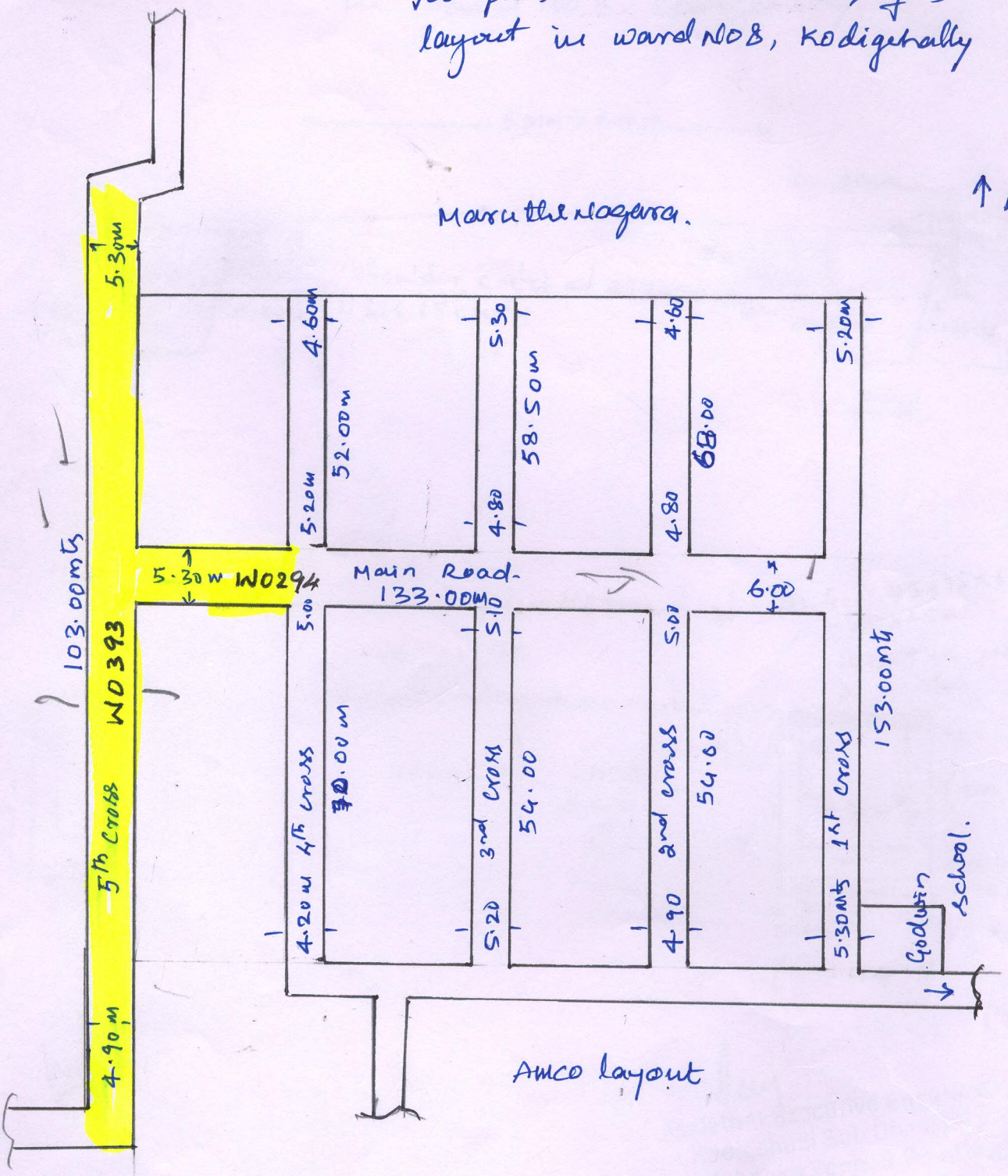
Administrative Approval
Accorded For 25.00 lakh Rs.
Head of A/C...P3111.....
CER NO :.....1..... Dt:..06.04.17

TA CE (YNK)

Technical Sanction
Accorded For 25.00 lakh Rs.
Head of A/C...P-3111.....
CER NO :.....1..... Dt:.. 06.04.17

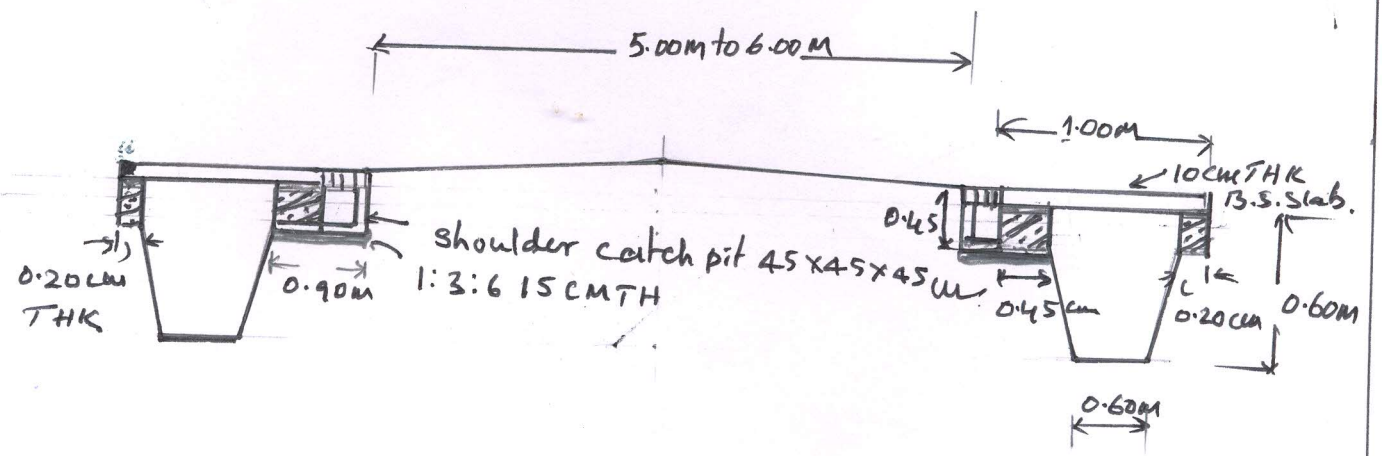
TA CE (YNK)

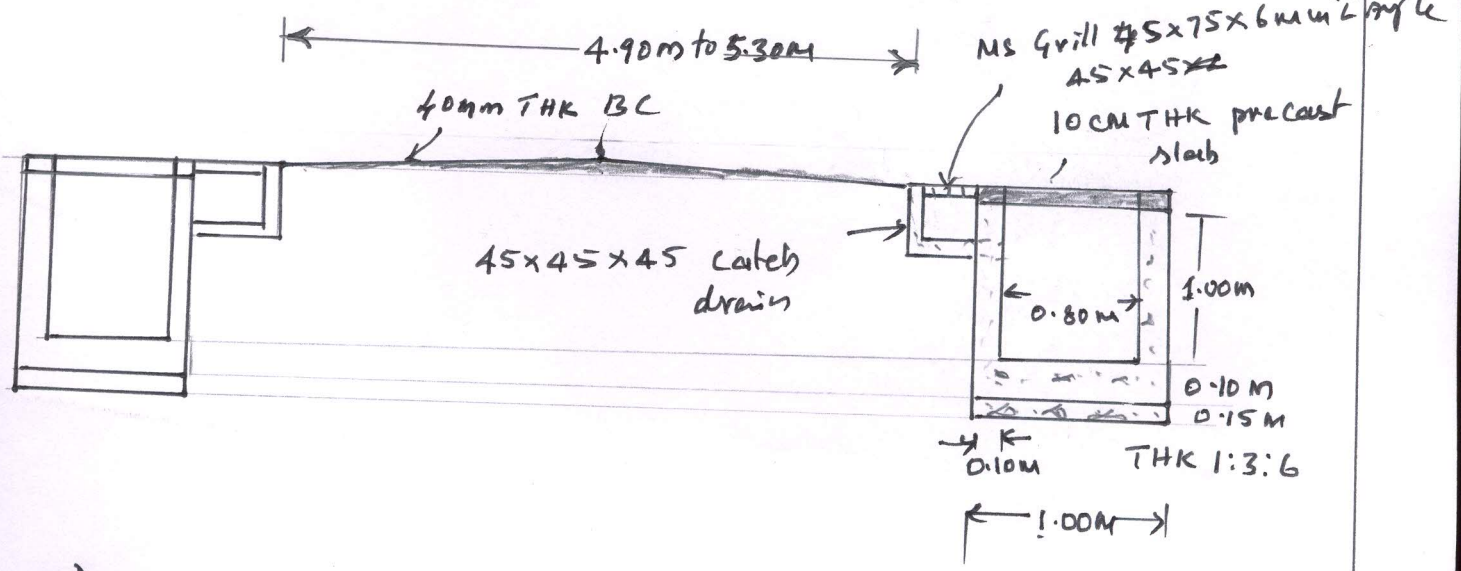
Name of the work: Improvements to Road, drain and footpath in cross roads of Dee Enclave layout in ward No 8, Kodigehally



Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of the work: improvements to Road, drain and footpath in cross roads of Dec enclave layout in Ward no 8. Kodigehally.





Assistant Executive Engineer
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Yelahanka Zone, B.B.M.P.,
Bangalore.